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on January 28, 2009.

PATENT  
Attorney Docket No.: 20174C-001140US  
Client Ref. No.: CIT 3153-CIP-C

TOWNSEND and TOWNSEND and CREW LLP

By: Yvonne Mock

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Stephen R. Quake et al.

Application No.: 10/801,361

Filed: March 15, 2004

For: INTEGRATED ACTIVE FLUX  
MICROFLUIDIC DEVICES AND  
METHODS

Customer No.: 20350

Confirmation No. 3231

Examiner: Timothy G. Kingan

Art Unit: 1797

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed October 28, 2008, please enter the  
following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this  
paper.

**Remarks/Arguments** begin on page 13 of this paper.